## <u>Correction of Listing of Claims for Preliminary Amendment</u> Listing of Claims:

 (Currently Amended) A compound of formula (II), or a pharmaceutical or veterinarily acceptable salt, hydrate or solvate thereof

$$Q \xrightarrow{\underset{R_2}{\longleftarrow}} Q \xrightarrow{\underset{R_3}{\longleftarrow}} Q \xrightarrow{\underset{R_3}{\longleftarrow}} Q \xrightarrow{\underset{N}{\longleftarrow}} Q \xrightarrow{N} Q \xrightarrow{N$$

wherein

Q represents a radical of formula -N(OH)CH(=O) or formula -C(=O)NH(OH);

 $R_1$  represents hydrogen, methyl or trifluoromethyl, or, except when Z is a radical of formula -N(OH)CH(=O), a hydroxy, halo or amino group;

R<sub>2</sub> represents a group R<sub>10</sub>-(V)<sub>n</sub>-(ALK)<sub>m</sub>- wherein

 $R_{10} \ represents \ hydrogen, \ or \ a \ C_1-C_6 \ alkyl, \ C_2-C_6 \ alkenyl, \ C_2-C_6 \ alkynyl, \ cycloalkyl, \ aryl, \ or \ heterocyclyl \ group, \ any \ of \ which \ may \ be unsubstituted \ or \ substituted \ by \ (C_1-C_6) \ alkyl, \ (C_1-C_6) \ alkyl, \ hydroxy, \ mercapto, \ (C_1-C_6) \ alkylthio, \ amino, \ halo-(including \ fluoro; \ chloro, \ brome \ and \ indee), \ trifluoromethyl, \ cyano, \ nitro, \ oxo, \ -COOH, \ -CONH_2, \ -COOR^A, \ -NHCOR^A, \ -CONHR^A, \ -NHR^A, \ -NR^AR^B, \ or \ -CONR^AR^B \ wherein \ R^A \ and \ R^B \ are \ independently \ a \ (C_1-C_6) \ alkyl \ group \ and$ 

ALK represents a straight or branched divalent C<sub>1</sub>-C<sub>6</sub> alkylene, C<sub>2</sub>-C<sub>6</sub> alkenylene, or C<sub>2</sub>-C<sub>6</sub> alkynylene radical, and may be interrupted by one or more non-adjacent -NH-, -O- or -S-linkages,

V represents -NH-, -O- or -S-, and

m and n are independently 0 or 1;

R<sub>3</sub> represents the side chain of a natural or non-natural alpha amino acid;

R4 represents hydrogen or C1-C3 alkyl;

Y represents N or CH;

ring A is optionally substituted on one or more ring carbon atoms by  $C_1\text{-}C_3$  alkyl,  $C_1\text{-}C_3$  alkoxy,

or halo; and

R<sub>5</sub> represents a group (IIA),

$$\rightarrow$$
 (IIA)

wherein

m is 0 or 1;

Alk1 represents a divalent C1-C3 alkylene radical;

Z represents hydrogen or cycloalkyl, phenyl or heterocyclic which is optionally substituted by

phenyl.

monocyclic 5 or 6-membered heterocyclic,

benzvl.

phenoxy, or (C1-C6)alkoxy,

phenylthio or (C1-C6)alkylthio, any of which is in turn optionally substituted by:

hydroxy or mercapto.

trifluoromethyl,

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oxo,
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nitro.

cyano (-CN),

bromo, chloro, fluoro, or iodo,

-COOH, or -COORA,

-CONH2, -CONHRA, or -CONRARB

-CORA, -SO2RA,

-NHCORA,

-NH<sub>2</sub>, -NHR<sup>A</sup>, or -NR<sup>A</sup>R<sup>B</sup>,

wherein  $R^A$  and  $R^B$  are independently a  $(C_1\text{-}C_6)$ alkyl group, or  $R^A$  and  $R^B$  taken together with the nitrogen atom to which they are attached form a 5- or 6-membered heterocyclic ring which may be substituted by  $(C_4C_2)$ alkyl  $(C_1\text{-}C_3)$ alkyl, hydroxy, or hydroxy  $(C_1\text{-}C_3)$ alkyl.

 (Currently Amended) A compound as claimed in claim 1 wherein Z represents cycloalkyl, phenyl or monocyclic-heterocyclic, which is optionally substituted by

(C1C6)alkyl, (C2-C6)alkenyl, or (C2-C6)alkynyl,

phenyl, or halophenyl,

trifluoromethyl,

monocyclic 5 or 6-memberedhetrocyclic,

benzyl, or halophenylmethyl,

hydroxy, phenoxy, (C<sub>1</sub>-C<sub>6</sub>)alkoxy, or hydroxy(C<sub>1</sub>-C<sub>6</sub>)alkyl,
mercapto, (C<sub>1</sub>-C<sub>6</sub>)alkylthio or mercapto(C<sub>1</sub>-C<sub>6</sub>)alkyl,
oxo,
nitro,
cyano (-CN)<sub>a</sub>
bromo, chloro, fluoro, or iodo<sub>a</sub>
-COOH, or -COOR<sup>A</sup>,
-CONH<sub>2</sub>, -CONHR<sup>A</sup>, or-CONR<sup>A</sup>R<sup>B</sup>
-COR<sup>A</sup>, -SO<sub>2</sub>R<sup>A</sup>,
-NHCOR<sup>A</sup>,
-NHCOR<sup>A</sup>,
-NH<sub>2</sub>, -NHR<sup>A</sup>, or -NR<sup>A</sup>R<sup>B</sup>.

wherein  $R^A$  and  $R^B$  are independently a  $(C_1-C_6)$ alkyl group, or  $R^A$  and  $R^B$  taken together with the nitrogen atom to which they are attached form a 5-or 6-membered heterocyclic ring which may be substituted by  $(C_4-C_3)$ alkyl, hydroxy, or hydroxy $(C_1-C_3)$ alkyl.

- (Currently amended) A compound as claimed in claim 1<del>or claim 2</del> wherein R<sub>1</sub> is hydrogen.
- 4. (Currently amended) A compound as claimed in any of the preceding claims claim 1 wherein R<sub>2</sub> is (C<sub>1</sub>-C<sub>6</sub>)alkyl-, cycloalkyl(C<sub>1</sub>-C<sub>6</sub>)alkyl-, (C<sub>1</sub>-C<sub>3</sub>)alkyl-S-(C<sub>1</sub>-C<sub>3</sub>)alkyl-, or (C<sub>1</sub>-C<sub>3</sub>)alkyl-O-(C<sub>1</sub>-C<sub>3</sub>)alkyl-.

- (Currently amended) A compound as claimed in any of claims 1 to 3-claim 1 wherein R<sub>2</sub> is n-propyl, n-butyl, n-pentyl, cyclopentylmethyl, cyclopentylethyl, cyclohexylmethyl or cyclohexylethyl.
- 6. (Currently amended) A compound as claimed in any of the preceding elaims claim 1 wherein  $R_3$  is

the characterising group of a natural  $\alpha$  amino acid, for example benzyl- or 4-

methoxyphenylmethyl, in which any functional group may be protected, any amino group may be acylated and any carboxyl group present may be amidated; or a group -[Alkl] $_{B}$ R $_{9}$  where Alk is a (C1-C6)alkylene or (C2-C6) alkenylene group optionally interrupted by one or more -O-, or -S- atoms or -N(R12)- groups [where R12 is a hydrogen atom or a (C1-C6)alkyl group], n is 0 or 1, and R $_{9}$  is hydrogen or an optionally substituted phenyl, aryl, heterocyclyl, cycloalkyl or cycloalkenyl group or (only when n is 1) R $_{9}$  may additionally be hydroxy, mercapto, (C1-C6)alkylthio, amino, halo, trifluoromethyl, nitro, -COOH, -CONH2, -COOR $_{9}$ , -NHCOR $_{9}$ , -CONHR $_{9}$ , -NHR $_{9}$ , or -CONR $_{9}$ R $_{9}$  wherein R $_{9}$  and R $_{9}$  are independently a (C1-C6)alkylgroup; or a benzyl group substituted in the phenyl ring by a group of formula -OCH2COR $_{8}$  where R $_{8}$  is hydroxyl, amino, (C1-C6)alkoxy, phenyl(C1-C6)alkoxy, (C1-C6)alkylamino, di((C1-C6)alkyl)amino, phenyl(C1-C6)alkylamino; or a heterocyclic (C1-C6)alkyl group, either being unsubstituted or mono- or disubstituted in

the heterocyclic ring with halo, nitro, carboxy, (C1-C6)alkoxy, cvano, (C1-C6)alkanovl.

$$\label{eq:continuous} \begin{split} & trifluoromethyl(C_1-C_6)alkyl, hydroxy, formyl, amino, (C_1-C_6)alkylamino, di-(C_1-C_6)alkylamino, mercapto, (C_1-C_6)alkylthio, hydroxy(C_1-C_6)alkyl, mercapto(C_1-C_6)alkylor (C_1-C_6)alkylphenylmethyl; or \end{split}$$

a group-CRaRbRc in which:

each of  $R_a$ ,  $R_b$  and  $R_c$  is independently hydrogen,  $(C_1\text{-}C_6)$ alkyl,  $(C_2\text{-}C_6)$ alkenyl,  $(C_2\text{-}C_6)$ alkynyl, phenyl $(C_1\text{-}C_6)$ alkyl,  $(C_3\text{-}C_8)$ cycloalkyl; or  $R_c$  is hydrogen and  $R_a$  and  $R_b$  are independently phenyl or heteroaryl-such as pyridyl; or

 $R_c$  is hydrogen, (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>2</sub>-C<sub>6</sub>)alkenyl, (C<sub>2</sub>-C<sub>6</sub>)alkynyl, phenyl(C<sub>1</sub>-C<sub>6</sub>)alkyl, or (C<sub>3</sub>-C<sub>8</sub>)cycloalkyl, and  $R_a$  and  $R_b$  together with the carbon atom to which they are attached form a 3 to 8 membered cycloalkyl or a 5-to 6-membered heterocyclic ring; or

 $R_a$ ,  $R_b$  and  $R_c$  together with the carbon atom to which they are attached form a tricyclic ring-(for example adamantyl); or

$$\begin{split} R_{a} & \text{ and } R_{b} \text{ are each independently } (C_{1}\text{-}C_{6})\text{alkyl}, (C_{2}\text{-}C_{6})\text{alkenyl}, (C_{2}\text{-}C_{6})\text{alkynyl}, \\ & \text{phenyl}(C_{1}\text{-}C_{6})\text{alkyl}, \text{ or a group as defined for } R_{c} \text{ below other than hydrogen, or } R_{a} \\ & \text{ and } R_{b} \text{ together with the carbon atom to which they are attached form a cycloalkyl} \\ & \text{ or heterocyclic ring, and } R \text{ is hydrogen, -OH, -SH, halogen, -CN, -CO}_{2}H, (C_{1}\text{-}C_{4}) \\ & \text{ perfluoroalkyl, -CH}_{2}\text{OH, -CO}_{2}(C_{1}\text{-}C_{6})\text{alkyl, -O}(C_{1}\text{-}C_{6})\text{alkyl, -O}(C_{2}\text{-}C_{6})\text{alkenyl, -SO}_{2}(C_{1}\text{-}C_{6})\text{alkyl, -SO}_{2}(C_{2}\text{-}C_{6})\text{alkenyl, -SO}_{2}(C_{2}\text{-}C_{6})\text{alkenyl, -SO}_{2}(C_{2}\text{-}C_{6})\text{alkenyl, -SO}_{2}(C_{2}\text{-}C_{6})\text{alkenyl, -P}_{2}) \\ & \text{ or -SO}_{2}\text{ Callenyl, -SO}_{2}\text{ carbon a group -Q-W wherein Q represents a bond or -O-, -S-, -SO- or -SO}_{2}\text{ and W represents a phenyl, phenylalkyl, (C}_{3}\text{-}C_{8}) \\ \end{aligned}$$

cycloalkyl,  $(C_3-C_8)$  cycloalkylalkyl,  $(C_4-C_8)$  cycloalkenyl,  $(C_4-C_8)$  cycloalkenylalkyl, heteroaryl or heteroarylalkyl group, which group W may optionally be substituted by one or more substituents independently selected from, hydroxyl, halogen , -CN, -CO<sub>2</sub>H, -CO<sub>2</sub>( $C_1$ -C<sub>6</sub>)alkyl, -CONH<sub>2</sub>, -CONH( $C_1$ -C<sub>6</sub>)alkyl alkyl, -CONH( $C_1$ -C<sub>6</sub>alkyl)<sub>2</sub>, -CHO, -CH<sub>2</sub>OH,  $(C_1$ -C<sub>4</sub>)perfluoroalkyl, -O( $C_1$ -C<sub>6</sub>)alkyl, -S( $C_1$ -C<sub>6</sub>)alkyl, -SO( $C_1$ -C<sub>6</sub>)alkyl, -SO<sub>2</sub>( $C_1$ -C<sub>6</sub>)alkyl, -NO<sub>2</sub>, -NH<sub>2</sub>, -NH( $C_1$ -C<sub>6</sub>)alkyl, -N( $(C_1$ -C<sub>6</sub>)alkyl)<sub>2</sub>, -NHCO( $(C_1$ -C<sub>6</sub>)alkyl,  $(C_1$ -C<sub>6</sub>)alkyl,  $(C_2$ -C<sub>6</sub>)alkynyl,  $(C_3$ -C<sub>8</sub>)cycloalkyl,  $(C_4$ -C<sub>8</sub>)cycloalkenyl, phenyl or benzyl.

- 7. (Currently amended) A compound as claimed in any of claims 1 to 6 claim 1 wherein R<sub>3</sub> is methyl, ethyl, n-propyl, n-butyl, benzyl, 4-chlorobenzyl, 4-hydroxybenzyl, phenyl, cyclohexyl, cyclohexylmethyl, pyridin-3-ylmethyl, tert-butoxymethyl, naphthylmethyl, iso-butyl, sec-butyl, tert-butyl, 1-benzylthio-1-methylethyl, 1-methylethyl, 1-methylethyl, 1-methylethyl, 1-methylethyl, 1-hydroxy-1-methylethyl, 1-fluoro- 1-methylethyl, hydroxymethyl, 2-hydroxethyl, 2-carboxyethyl, 2-methylcarbamoylethyl, 2-carbamoylethyl, or 4-aminobutyl.
- (Currently amended) A compound as claimed in any of claims 1 to 6-claim 1 wherein R<sub>3</sub> is tert-butyl, isobutyl, benzyl, isopropyl or methyl.
- 9. (Currently amended) A compound as claimed in any of the preceding elaims claim 1 wherein  $R_4$  is methyl.

- 10. (Currently amended) A compound, method, use or composition as claimed in any of the preceding claims as claimed in claim 1 wherein in the group R<sub>5</sub>, m is 1, and Alk<sup>1</sup> is -(CH<sub>2</sub>)- or -(CH<sub>2</sub>CH<sub>2</sub>)-.
- 11. (Currently amended) A compound as claimed in any of the preceding claims claim 1 wherein, in the group R<sub>5</sub>, Z is a phenyl, pyridyl, thienyl, furanyl, pyranyl, pyrolyl, diazolyl, triazolyl, thiadiazolyl, oxazolyl, ozadiazolyl, indolyl, benzisozazolyl, benzthiazolyl or imidazothiazolyl ring, optionally substituted as specified in claim 1-of-claim 2.
- 12. (Original) A compound as claimed in claim 11 wherein the ring Z is unsubstituted or substituted by methyl, methoxy, ethoxy, methoxymethyl, ethylthio, chloro, bromo, hydroxy, nitro, phenyl, 2- or 4-nitrophenyl, dimethylamino, dimethylaminophenyl, methylsulphonyl, dimethylaminosulphonyl, 3-pyridyl or 2-pyrazin-2-yl.
- (Canceled).
- 13. (Currently amended) A compound as claimed in claim 1<del>or claim 2</del>-wherein the compound is one specifically named and/or exemplified herein, or is the hydroxamate (Q represents a radical of formula -C(=O)NH(OH)) analogue thereof.
- 14. (Currently amended) A method for the treatment of bacterial infections in humans and

non-human mammals, which comprises administering to a subject suffering such infection an antibacterially effective dose of a compound as claimed in any of claims 1 to 13 claim 1.

- 15. (Currently amended) A method for the treatment of bacterial contamination by applying an antibacterially effective amount of a compound as claimed in any of claims 1 to 13 claim 1 to the site of contamination.
- 16. (Currently amended) The use of a compound as claimed in any of claims 1 to 13-claim 1 in the manufacture of an antibacterial composition.
- 17. (Currently amended) A pharmaceutical or veterinary composition comprising a compound as claimed in any of claims 1 to 13-claim 1 together with a pharmaceutical of veterinarily acceptable carrier.
- 18. (New) A compound as claimed in claim 1 wherein, in the group  $R_5$ , Z is a cyclopentyl, cyclohexyl, phenyl, morpholinyl, pyrimidin-2-yl, 1,2,3-thiadiazol-5-yl, 1,4-thiazol-5-yl, benzofuran-2-yl, 2- or 3-furanyl, 2- or 3-thienyl, 2- or 3-pyranyl, 2-, 3- or 4-pyrrolyl, 3-, 4-or 5-pyrazolyl, 3-, 4- or 5- isoxazolyl, or 2-, 3-or 4-pyridyl ring any of which may optionally be substituted by hydroxy, methoxy, ethoxy, mercapto, methylthio, ethylthio, methyl, ethyl, trfluoromethyl, fluoro, chloro, amino, methylamino, or dimethylamino.